

## PATENT COOPERATION TREATY

PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>5287.01</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 00/ 09542</b>	International filing date (day/month/year) <b>11/04/2000</b>	(Earliest) Priority Date (day/month/year) <b>13/04/1999</b>
Applicant <b>DISCOVERY COMMUNICATIONS, INC.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of **4** sheets.

It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
  - contained in the international application in written form.
  - filed together with the international application in computer readable form.
  - furnished subsequently to this Authority in written form.
  - furnished subsequently to this Authority in computer readable form.
  - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
  - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
- 2.  Certain claims were found unsearchable (See Box I).
- 3.  Unity of Invention is lacking (see Box II).
- 4. With regard to the title,
  - the text is approved as submitted by the applicant.
  - the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
- 6. The figure of the drawings to be published with the abstract is Figure No. **19**
  - as suggested by the applicant.
  - because the applicant failed to suggest a figure.
  - because this figure better characterizes the invention.

None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09542

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	G06F15/02	G06F17/30	G06F17/22	G06F17/21	H04N7/173

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95 15649 A (DISCOVERY COMMUNICAT INC ;HENDRICKS JOHN S (US)) 8 June 1995 (1995-06-08) cited in the application	34,38, 40-45,59
Y	abstract	1,2,5,7, 10-12, 14-17, 19-27, 31-33, 62,64, 66,67, 69,71, 73-75, 77,79, 81-83, 92,94, 97,104, 105 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
24 October 2000	02/11/2000
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer  Polzer, A

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09542

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>page 6, line 27 -page 9, line 15; figures 2,3</p> <p>page 10, line 9 - line 20; figure 4</p> <p>page 11, line 3 -page 12, line 1; figure 5B</p> <p>page 15, line 8 - line 29</p> <p>page 26, line 1 -page 28, line 12; figures 14I,14J</p> <p>page 35, line 17 -page 38, line 14; figures 18A,18B</p> <p>---</p> <p>GB 2 269 302 A (MITSUBISHI CORP) 2 February 1994 (1994-02-02)</p> <p>abstract</p> <p>page 3, line 22 -page 4, line 11</p> <p>page 5, line 22 -page 8, line 15; figures 1-4</p> <p>---</p> <p>WO 98 08344 A (SACHS JAMES ; VIRTUAL PRESS (US); POMEROY THOMAS W (US)) 26 February 1998 (1998-02-26)</p> <p>abstract</p> <p>page 5, line 22 -page 7, line 25; figure 1</p> <p>page 15, line 1 - line 21; figure 4D</p> <p>page 21, line 5 -page 23, line 10; figures 6B,6C</p> <p>---</p>	1,2,5,7, 10-12, 14-17, 19-27, 31-33, 62,64, 66,67, 69,71, 73-75, 77,79, 81-83, 92,94, 97,104, 105
A		13,18, 34,60, 70,76, 101
		-/-

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/09542

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>US 5 917 915 A (HIROSE MASAKI)  29 June 1999 (1999-06-29)</p> <p>abstract  column 2, line 41 -column 3, line 14  column 5, line 4 -column 6, line 51;  figures 1-3  column 11, line 38 -column 12, line 55;  figures 6,8,9  &amp; JP 08 008853 A (SONY CORP)  12 January 1996 (1996-01-12)</p> <p>-----</p>	1,2,5,6, 10,11, 14,16, 17, 19-22, 24-26, 28-30, 64,66, 67,69

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US 00/09542

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
WO 9515649 A	08-06-1995	US 5990927 A			23-11-1999
		US 5798785 A			25-08-1998
		US 5986690 A			16-11-1999
		AU 1333795 A			19-06-1995
		CA 2177154 A			08-06-1995
		EP 0732027 A			18-09-1996
		JP 9506225 T			17-06-1997
		AU 693148 B			25-06-1998
		AU 1430695 A			19-06-1995
		BR 9408211 A			26-08-1997
		CA 2177153 A			08-06-1995
		EP 0732031 A			18-09-1996
		EP 0963116 A			08-12-1999
		JP 9510327 T			14-10-1997
		NZ 278185 A			27-04-1998
		WO 9515658 A			08-06-1995
GB 2269302 A	02-02-1994	JP 6046419 A			18-02-1994
		DE 4323569 A			24-02-1994
		FR 2697394 A			29-04-1994
WO 9808344 A	26-02-1998	US 5956034 A			21-09-1999
		AU 722603 B			10-08-2000
		AU 4148197 A			06-03-1998
		BR 9713174 A			06-06-2000
		CN 1236450 A			24-11-1999
		EP 1034467 A			13-09-2000
		JP 2000507728 T			20-06-2000
US 5917915 A	29-06-1999	JP 8008853 A			12-01-1996